

Heliophysics Research Program: Continuation and Changes in ROSES 2014

This email was sent out to the NSPIRES heliophysics mailing list at 3 pm on 12/10/13 to coincide with the Heliophysics town hall meeting (TH22A) at the AGU.

The Heliophysics Research Program was restructured in 2013. The ROSES 2013 structure will be maintained into ROSES 2014. The following includes update on changes planned for ROSES2014.

Submissions via Two-Step Process:

Proposal submission to all calls in Heliophysics will continue using a two-step process, in which a Notice of Intent is replaced by a required Step-1 proposal. The title and investigators cannot be changed between the Step-1 and Step-2 proposals. All Heliophysics programs will continue reviewing Step-1 and/or Step-2 proposals for compliance.

Step-1 proposals for H-TIDeS, H-IDEE and H-LWS will continue to require a description that is limited to one page containing science goals and objectives and the proposed methodology.

H-GI and now also H-SR will require submission of Step-1 proposals that are up to three pages in length. The H-GI and H-SR Step-1 proposals will be reviewed for importance of the science, feasibility of the methodology, and likelihood of success by a combination of unconflicted mail-in reviewers from the science community and HQ personnel and will result in encouragement or discouragement to submit a full proposal.

Duplication of Proposals

All proposals that are fully or in major part duplicative with other ROSES 2014 submissions, or whose intent or purpose is to duplicate existing investigations, will risk being disqualified for noncompliance.

Limitation of Submission per Principal Investigator

There will be new limitations as to how many proposals a Principal Investigator can submit per program element or program subelement.

Program Elements:

Due Dates:

The upcoming ROSES 2014 due dates will be approximately the same months for the competed elements as they were for ROSES 2013. Exceptions are the Step-2 due

dates for H-GI and H-SR, which are expected to be later (1 or 2 months) to accommodate the Step-1 review process.

Heliophysics Supporting Research (H-SR):

Up to three-year research awards are competed in the Heliophysics Supporting Research (H-SR) program (Appendix B.2). Highest priority will be proposals that use data from current or past NASA missions together with theory and/or simulations to address one of the four 2012 Solar and Space Physics Decadal Survey goals. Model or tool development should not exceed half the proposed effort.

Heliophysics Technology and Instrument Development for Science (H-TIDeS):

Low-Cost Access to Space, Instrument and Technology Development, and Laboratory investigations will be competed in the Heliophysics Technology and Instrument Development for Science (H-TIDeS) program (Appendix B.3).

Heliophysics Guest Investigators (H-GI):

The Heliophysics Guest Investigators (H-GI, Appendix B.4) program will include a Data Development Element call for data within the Heliophysics System Observatory. There will be a Van Allen Probes/BARREL opportunity and an Interface Region Imaging Spectrograph opportunity.

Heliophysics Grand Challenges Research (H-GCR):

The Heliophysics Grand Challenges Research (H-GCR, Appendix B.5) program serves as a placeholder for future larger research efforts or Heliophysics science centers as recommended in the 2012 Decadal Survey. All Heliophysics Theory, Modeling, and Simulations (H-TMS) funds have been competed in ROSES13, so therefore there is no open H-GCR solicitation in ROSES 2014.

Heliophysics LWS Science (H-LWS):

The Heliophysics Living With a Star Science (H-LWS, Appendix B.6) will not solicit Strategic Capabilities or Workshops in ROSES 2014. Four or five New Focus Science Topics will be announced in the December 2013 time frame.

Heliophysics Infrastructure and Data Environment Enhancements (H-IDEE):

Proposals requesting support for ground-based facilities through the Infrastructure element should be submitted to the Heliophysics Infrastructure and Data Environment Enhancements (H-IDEE, Appendix B.7) program. However, there is no open solicitation in ROSES 2014 for the Data Environment Enhancements element due to the

Heliophysics Data Environment Enhancement cooperative agreement notice to be released in early 2014.